definition of cofired combustor in this section); and

(3) Keeps a record on a calendar quarter basis of the weight of municipal solid waste combusted at the cofired combustor and the weight of all other fuels combusted at the cofired combustor.

(k) Air curtain incinerators, as defined under 40 CFR 60.51b, that meet the capacity specifications in paragraph (a) of this section, and that combust a fuel stream composed of 100 percent yard waste are exempt from all provisions of this subpart except the opacity standard under §62.14107, and the testing procedures and the reporting and recordkeeping provisions under §62.14109.

(l) Air curtain incinerators that meet the capacity specifications in paragraph (a) of this section and that combust municipal solid waste other than yard waste are subject to all provisions of this subpart.

(m) Pyrolysis/combustion units that are an integrated part of a plastics/rubber recycling unit (as defined in 40 CFR 60.51b) are not subject to this subpart if the owner or operator of the plastics/rubber recycling unit keeps records of the weight of plastics, rubber, and/or rubber tires processed on a calendar quarter basis; the weight of chemical plant feedstocks and petroleum refinery feedstocks produced and marketed on a calendar quarter basis; and the name and address of the purchaser of the feedstocks. The combustion of gasoline, diesel fuel, jet fuel, fuel oils, residual oil, refinery gas, petroleum coke, liquefied petroleum gas, propane, or butane produced by chemical plants or petroleum refineries that use feestocks produced by plastics/rubber recycling units are not subject to this subpart.

(n) Cement kilns firing municipal solid waste are not subject to this subpart.

[63 FR 63202, Nov. 12, 1998; 64 FR 17219, Apr. 8, 1999]

§62.14103 Emission limits for municipal waste combustor metals, acid gases, organics, and nitrogen oxides.

(a) The emission limits for municipal waste combustor metals are specified in paragraphs (a)(1) through (a)(3) of this section.

(1) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain: particulate matter in excess of 27 milligrams per dry standard cubic meter, corrected to 7 percent oxygen; and opacity in excess of 10 percent (6-minute average).

(2) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain: cadmium in excess of 0.040 milligrams per dry standard cubic meter, corrected to 7 percent oxygen; and lead in excess of 0.44 milligrams per dry standard cubic meter, corrected to 7 percent oxygen.

(3) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain mercury in excess of 0.080 milligrams per dry standard cubic meter or 15 percent of the potential mercury emission concentration (85-percent reduction by weight), corrected to 7 percent oxygen, whichever is less stringent.

(b) The emission limits for municipal waste combustor acid gases, expressed as sulfur dioxide and hydrogen chloride, are specified in paragraphs (b)(1) and (b)(2) of this section.

(1) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain sulfur dioxide in excess of 29 parts per million by volume or 25 percent of the potential sulfur dioxide emission concentration (75-percent reduction by weight or volume), corrected to 7 percent oxygen (dry basis), whichever is less stringent. Compliance with this emission limit is based on a 24-hour daily geometric mean.

(2) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain hydrogen chloride in excess of 29 parts per million by volume or 5 percent of the potential hydrogen chloride emission concentration (95-percent reduction by weight or volume), corrected to

7 percent oxygen (dry basis), whichever is less stringent.

(c) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain municipal waste combustor organics, expressed as total mass dioxins/furans, in excess of the emission limits specified in either paragraph (c)(1) or (c)(2) of this section, as applicable.

(1) The emission limit for affected facilities that employ an electrostatic precipitator-based emission control system is 60 nanograms per dry standard cubic meter (total mass), corrected to 7 percent oxygen.

(2) The emission limit for affected facilities that do not employ an electrostatic precipitator-based emission control system is 30 nanograms per dry standard cubic meter (total mass), corrected to 7 percent oxygen.

(d) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain nitrogen oxides in excess of the emission limits listed in table 2 of this subpart for affected facilities. Table 2 of this subpart provides emission limits for the nitrogen oxides concentration level for each type of affected facility.

§ 62.14104 Requirements for municipal waste combustor operating practices.

(a) The owner or operator of an affected facility must not cause to be discharged into the atmosphere from that affected facility any gases that contain carbon monoxide in excess of the emission limits listed in table 3 of this subpart. Table 3 provides emission limits for the carbon monoxide concentration level for each type of affected facility.

(b) The owner or operator of an affected facility must comply with the municipal waste combustor operating practice requirements listed in 40 CFR 60.53b(b) and (c) of subpart Eb. For calculating the steam (or feedwater) flow required under 40 CFR 60.58(i)(6)(i), proceed in accordance with ASME PTC 4.1–1964 (Reaffirmed 1991), Power Test Codes: Test Code for Steam Generating Units (with 1968 and 1969 Addenda). For design, construction, installation, calibration, and use of nozzles and orifices required in 40 CFR 60.58(i)(6)(ii), proceed in accordance with the recommendations in ASME Interim Supplement 19.5 on Instruments and Apparatus: Application, Part II of Fluid Meters, 6th Edition (1971). The Director of the Federal Register approves these incorporations by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You may obtain a copy from the American Society of Mechanical Engineers, Service Center, 22 Law Drive, Post Office Box 2900, Fairfield, NJ 07007. You may inspect a copy at the Office of Air Quality Planning and Standards Air Docket, EPA, Mutual Building, Room 540, 411 West Chapel Hill Street, Durham, NC 27701, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: *http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.*

[63 FR 63202, Nov. 12, 1998, as amended at 69 FR 18803, Apr. 9, 2004]

§ 62.14105 Requirements for municipal waste combustor operator training and certification.

The owner or operator of an affected facility must comply with the municipal waste combustor operator training and certification requirements listed in paragraphs (a) through (g) of this section. For affected facilities, compliance with the municipal waste combustor operator training and certification requirements specified under paragraphs (a), (b), (d), and (g) of this section must be no later than 12 months after the effective date of this subpart.

(a) Each chief facility operator and shift supervisor must obtain and maintain a current provisional operator certification from either the American Society of Mechanical Engineers QRO–1–1994 or a State certification program in Connecticut and Maryland (if the affected facility is located in either of the respective States). If ASME certification is chosen, proceed in accordance with ASME QRO–1–1994, Standard for the Qualification and Certification of Resource Recovery Facility Operators. The Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C.